

STEREO MOC Status Report
Time Period: 2011:038 - 2011:044

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 038, during the DSS 54 support, turbo decoder lock was lost briefly at 0843z. This resulted in the loss of four frames of instrument SSR data. See DR# N107142 for more information.
- On day 041, before the start of the DSS 25 support, the antenna was declared red due to an anomaly with the antenna drive cabinet. This resulted in the loss of the entire track. To minimize science data loss, SSR pointers were repositioned and an additional two hour in duration DSS 34 handover track was added on DOY 042 at 1650z. See DR# G111067 for more information.
- On day 042, during the DSS 54 support, the transmitter tripped off-line at 0754z. The support continued with a downlink only. Aborted SECCHI SCMs were sent on the next track. This resulted in the loss of several minutes of instrument SSR data. See DR# M106153 for more information.
- On day 043, during the DSS 55 support, turbo decoder lock was lost briefly at 0841z. This resulted in the loss of several minutes of instrument SSR data. See DR# N107151 for more information.
- On day 044, during the DSS 25 support, turbo decoder lock was lost briefly at 1341z and again at 1526z. This resulted in the loss of several minutes of instrument SSR data. See DR# N107150 for more information.
- On day 044, during the DSS 25 support, monitor data was lost at 1526z due to a failed data server. The redundant monitor data server was placed on-line at 1547z. This resulted in the loss of 21 minutes monitor data. All SSR data was recovered. See DR# G111079 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.8 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 039, during the DSS 54 support, instrument packets were dropped for one minute beginning at 1835z. This resulted in the loss of several minutes of instrument SSR data. A DR has been requested.
- On day 044, during the DSS 63 support, monitor data was lost at 1526z due to a failed data server. The redundant monitor data server was placed on-line at 1547z. This resulted in the loss of 21 minutes monitor data. All SSR data was recovered. See DR# G111079 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 039, the 16th SECCHI stepped calibration, at the aphelion/perihelion midpoint, was executed.
- The average daily SSR playback volume for Behind was 5.2 Gbits during this week.